RIAEC Meeting, January 2, 2013, Summary of Executive Session

The Commission went into executive session in order to discuss the results of the Chairman's Report on the review of the HP recruitment and selection process (copy attached). The main elements of the report were discussed. There was acceptance of the report including mention by Commissioner Nunes, who participated in the process (though not as a representative of the Commission), that it appeared to reflect what he knew of the process. Following discussion of the major findings of the report, the Chair asked each Commissioner to state their preference among the three options presented, A, B or C. Three of the 4 Commissioners present recommended Choice A to guide our action on the matter; one Commissioner recommended Choice B. The Commission formulated its action as follows: upon reviewing the matter, the Commission finds discrepancies in the recruitment and selection process for the position of Health Physicist and will move to re-open the position in accord with direction from appropriate state authorities. The Commission emphasized that Constance Hathaway, who was hired in this process, is an innocent victim in the matter and that there is nothing to indicate that she in any way misrepresented herself or her credentials to the recruitment committee. The Commission suggests she be allowed to continue at the Center until a new Health Physicist is in place. The Commission asked for a recess and directed the Chair to alert Ms Hathaway to the action that was to be communicated following the recess in open session. Upon return from recess, before leaving executive session, the chair asked for a vote on the wording of the action: "upon reviewing the matter, the Commission finds discrepancies in the recruitment and selection process for the position of Health Physicist and will move to re-open the position in accord with direction from appropriate state authorities". The vote was 4 in favor 1 opposed.

Respectfully submitted,

Stephen Mecca, Chairman

Algolia J. Mann

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Report on review of the HP recruitment & selection process ,

At the meetings of December 10th and 18th 2012 RINSC staff introduced the new Health Physicist, Constance Hathaway and the Commission was given a copy of her resume. Noting the absence of a degree in Health Physics or a degree with a concentration in the discipline, the Commission moved to investigate the recruitment and selection process that resulted in this hire. To that end, the Chairman conducted the following activities relating to the process:

- A review of the recruitment file.
- Circulation of resume cover sheets for the topmost (in the file) 6-7 applications to Commissioners and Dr. Mannock
- Calling several candidates to gain perspective on the process from their vantage.
- Determination of who served on the ad hoc recruitment committee (initially thought to be T. Tehan, A. Nunes and S. Guarino).
- Review of the Tech Specs Amendment 29 relative to the HP position
- Request for information from A. Nunes
- Meeting with Dr. Mannock and Steve Guarino. The questions discussed related first to the process (see attached HP Hiring Process questions) and next to each individual candidate.
- Review of educational qualifications for several open positions for Health Physics on-line

This report will document my findings on the matter.

The recruitment and interview committee did consist of T. Tehan, then Director, S. Guarino, RSO and A. Nunes, retired URI faculty member and member of the RIAEC. Dr. Clinton Chichester of the URI Safety Office was invited to participate though he never attended any interview meetings but was sent copies of applicant resumes. J. Davis was part of the process but didn't attend all interview sessions. Dr. Nunes was separately invited by the Director and the RSO. Officially, he did not represent the Commission as the Commission was not asked for a representative and the Chair didn't appoint one.

Being rather new to his position, the RSO had never participated in a search to fill a professional position. Yet he was directed to play key roles in the process – reviewing all resumes, deciding who should be invited for an interview, phoning candidates and deciding who was to be included and who not included in the top tier of applicants. Some of those decisions were based on non-disqualifiable criteria, e.g. over-qualification, "flight risks", present locations and, in the case of one applicant, a phone statement re: not getting along with doctors who were expressing concern over 1-2 mR exposures. The selection of candidates to be interviewed fell mainly on the RSO, who referred to these as "people I wanted". In spite of his newness to such a process, to his credit the RSO made those difficult calls to all those who sent a resume but were not selected- a part of the process that was done well.

Not one of the applicants had anything approaching a complete file; save for one candidate, only resumes were sought and considered. Transcripts and letters of recommendation were not requested. Sixteen (16) resumes were in the recruitment file though it was said that there were 20 or more. Seven (7) were selected for interview; 6 were interviewed at the Center by 3 (sometimes 4 members of the committee) and 1 by the RSO only. The committee never met as a committee to collect individual rankings of the candidates or to discuss who would be interviewed; there were informal discussions



between the Director and RSO about this. Three finalists were selected, two (with Physics degrees) from the URI and one (Nuclear Engineering with an HP Concentration) from RPI. One of the finalists did not have a resume in the office file. The final selection was made by the Director, RSO and (I believe) by Dr. Nunes (not sure if he recused himself from the final selection given the final 3 included two of his students). A very brief synopsis of the 16 resumes in the file is shown below.

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Resur	nes for HP Position	principal description of the second s		1	
	UG Degree	Grad Degree (MS)	<u>Other</u>	Experience (FTE)	
BS	Physics	MS Radiological Sciences & Protect	AS Nuclear Eng'g Tech'y	10+ yrs	
CH	Physics	1		<3 months	
AR	Nuclear Eng'g w/ HP Concentration		AS Engineering Science; AS Mathematics	<1year	
HC	Physics	MS Radiological Science & MS Phys	PhD Physics	1+ year	
MK	Physics	MS Medical Physics	PhD Health Physics	~4 years	
FB	Expressed interest - no follow by the	e committee			
IJ			CCRI incomplete	~4 years	
AD	Physics	MS Physics	PhD Physics	<1 year	
VC	Physics	MS Physics Grad Cert Medical Physics, Post-Grad Com		nį~6 years	
TG			ME UG in process	~ 2years	
KP	Health Physics			2-3 years	
DH	Nuclear Eng'g & Radiological Science	MS Nuclear Eng'g & Radiological Sciences		3 months	
DP	Health Physics	MS Health Physics	•	2 years	
MJ	Nuclear Eng'g Tech'y	MS Radiation Health Physics in process		8 years	
SM .	Nuclear Eng'g			2 years 3 months	
РО	Math & Physics	MS Nuclear Eng'g in process		1+ years	

Initially the prompt for the Commission's review of the process was the absence of an HP degree by the selected candidate (see arrow above). As the review unfolded, the process itself was called into question for several reasons:

- Unclear who was presiding over the committee
- Gross shortfall in direction by the Director
- Inexperience of the RSO, who played a decisive role in selecting candidates for interview
- Unacceptable dis-qualifiers used
- Committee considered only resumes; application files were incomplete
- Perception of conflict

What are the educational qualifications for the RINSC HP position? The Tech Specs only specify educational qualifications for the positions of RSO and above. One would expect that the normal minimum requirement for the position of Health Physicist would be a BS in Health Physics, Radiological Sciences or equivalent. A quick review of 5 open positions for Health Physicists taken from postings on the web reveals the following:

Position 1: BA/BS in health physics, related discipline, or equivalent; 6+ years experience.

Position 2: Master's degree or foreign equivalent in Medical Radiation Physics; 2+ years experience.

Position 3: Degree in natural science or engineering that includes at least 30 semester hours in health physics, engineering, radiological science, chemistry, physics, biology, mathematics, and/or calculus. OR A combination of education and experience, courses as shown above, plus appropriate experience or other education; or certification as a health physicist by the American Board of Health Physics, plus appropriate experience and other education that provided an understanding of sciences applicable to health physics.



Position 4. Bachelor's degree in Health Physics or a related field and three years of experience in a radiation protection program; or Bachelor's degree in an appropriate scientific or engineering field and five years of radiation safety technician experience; or Master's degree in Health/Medical Physics or equivalent combination of education and experience as determined by the Radiation Safety Officer.

Position 5. Bachelor's degree in Health Physics, Radiological Health, Nuclear/Radiological Engineering, or related field or equivalent combination of education and 1-3 year job related experience.

As I was completing this report, I received copies of the actual state posting, which appeared on the RIDLT website and the open position announcement that was sent to TRTR according to the RSO; copies of which are attached. Attention is drawn to the official RI posting language shown below and to the appended Class Title: Health Physicist.

Minimum Education & Experience

EDUCATION / EXPERIENCE / SPECIAL REQUIREMENTS:

(A class specification describing the duties of the position and the minimum quatifications will be furnished upon request.)

<u>Education</u>: Such as may have been gained through: graduation from a college of recognized standing with a Bachelor's Degree in Health Physics and supplemented by completion of graduate study in Health Physics or Nuclear Physics; and <u>Experience</u>; Such as may have been gained throught employment in responsible technical position in the field of Health Physics, preferably at a nuclear reactor facility. Or, any combination of education and experience that shall be substantially equivalent to the above education and experience.

EDUCATION AND EXPERIENCE:

<u>Education</u>: Such as may have been gained through: graduation from a college of recognized standing with a Bachelor's Degree in Health Physics and supplemented by completion of graduate study in Health Physics or Nuclear Physics; and

Experience: Such as may have been gained through: employment in a responsible technical position in the field of Health physics, preferably at a nuclear reactor facility.

Or, any combination of education and experience that shall be substantially equivalent to the above education and experience.

Class Created: December 19, 1999

Editorial Review: 3/15/03

This is especially revealing in that the minimum educational requirement is even more demanding than an undergraduate degree in Health Physics requiring supplement graduate study as well.

It is interesting to compare this official state documentation with the notice sent to TRTR in this case. Here there is no mention of graduate study and the undergraduate degree requirement language has been changed to Health Physics or Nuclear Physics! The origin and authorship of this document are unknown.

Dr. Kadak is looking into the explicit or implicit qualifications within the NRC. Notwithstanding the results of this query, the question remains, how and why would the candidate with the least HP-relevant educational credential and experience become one of those selected for interview, emerge to the top three and ultimately become the one selected for the position? If the Commission accepts this report and other supportive testimony, what should be done? There are two broad actions possible:



- A. Declare the recruitment/selection process flawed to the extent that the search should be reopened. This would result in the dismissal of the HP, an innocent victim in the matter.
- B. Declare the recruitment/selection process flawed but retain the HP, an innocent victim, pending her successful completion of a satisfactory external training program (to be determined by the RSO in consultation with the NRSC) at her expense and in an agreed-upon time frame.

If the Commission does not accept this report (at least its major findings) and other testimony, then it could:

C. Do nothing

Each of these actions have implications for succeeding actions; e.g. choice A will require convening a search committee, etc.

Recommendation of the Chairman: Choice A with consultation from RI HR re: the dismissal of the present HP.

Future policy implications

The Commission has served as a committee of the whole in the recruitment of Director, RSO and AD positions but has left the organization of recruitment to the Director, who then reports the findings and recommendations to the Commission. It is tempting to change this policy in light of the findings of this review. Yet, the Director is expected to exercise professional judgment in such matters. In this writer's opinion there was a serious shortfall in judgment leading to a seriously flawed HP search. While removing this responsibility from a Director is not recommended, more oversight of the process and formal acceptance of its outcome should be burned into Commission policy for hires at the lower levels.

Respectfully submitted,

Skyder J. Men

Stephen Mecca

Chairman

Appendices

HP Hiring Process Questions

- Who was on the recruitment committee? Terry, Steve, Tony, Jeff (but not for all meetings as he
 was sick for some of this time). Did Terry organize this search? Were any other individuals
 invited to participate?
- Have you ever participated in a search to fill a professional position?
- Who led the process? Chaired the ad hoc committee?
- What was the process? Advertise>>Receive Resumes & Letters of Interest>> Sort/Score/Select Target Candidates/Interview/Select Candidate?
- How many LoA's and resumes were received? What other documentation was sought? Letters of reference? Transcripts for highest degree?
- Phone calls to references for top candidates?
- Consideration given to telephone interviews given shortage of funds for interview travel?
- Any conducted?
- Was there consensus on the final candidates for interview? How was this reached?
- Was there consensus on the candidate selected? How was this decision made?
- Do you feel the process was fair to all concerned?
- Is the selected candidate's credentials the best among those of the applications received?
- Is the selected candidate qualified as a Health Physicist?



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FOR OPPORTUNITIES IN RHODE ISLAND STATE GOVERNMENT

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Health Physicist Position Advertisement

The Rhode Island Nuclear Science Center (RINSC) is seeking candidates for the position of Health Physicist. RINSC maintains and operates a 2 MW research reactor that is used for education, research, and service work. In addition, the facility provides radiation safety services to the University of Rhode Island. The Health Physicist works under the direction of the Radiation Safety Officer to maintain an effective radiation protection and monitoring program.

Major duties and responsibilities include:

- Radiation Surveys
- Environmental Monitoring
- Radiation Survey Instrument Calibration
- Radiation Laboratory Inspection
- Radioactive Waste Disposal
- Radioactive Material Shipment
- Radiation Safety Training
- Record Keeping
- Technical Assistance to Experimenters
- Other related work as required

Required Qualifications are a Bachelor of Science Degree in Health Physics or Nuclear Physics, and experience as may have been gained through employment in a responsible technical position, preferably at a nuclear reactor facility, or any combination of education and experience deemed to be equivalent.

Candidates should send a cover letter and resume to:

Dr. Terry Tehan
Director
Rhode Island Nuclear Science Center
16 Reactor Road
Narragansett, RI 02882
(401) 789-9391 (Telephone)
(401) 782-4201 (Fax)
TTehan@rinsc.ri.gov



RHODE ISLAND ATOMIC ENERGY COMMISSION

Executive Session Votes Taken January 2, 2013 Meeting

The Chair called for a vote on whether "The Commission finds discrepancies in the recruitment and selection process for the position of Health Physicist and will move to re-open the position in accord with direction from appropriate state authorities."

The vote on this motion was as follows:

Commissioner S. Mecca: Yea

Commissioner B. Nassersharif: Yea

Commissioner P. Gromet: Yea

Commissioner A. Kadak: Yea

Commissioner A. Nunes: Nay

Rhode Island Nuclear Science Center Mail - Re: HP Search

2/11/13



Stepher: Guadao Haptadro@dnac.d.gov/>

Re: HP Search

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--- Original Message --From: "Stephen Mecca"
To: "Andrew Kadak"

"Dr. B. Nassersharif"

"Anthony C Nunes

"L. Peter Gromet"

Sent: Thursday, December 20, 2012 7:48:27 PM

Subject: Re: HP Search

I want to hear from Tony as I believe he was invited into the hiring process by Terry. Earlier today I called Tom Mannock to update him on my findings and the growing sense of the Commission that the HD hiring process was smelly. I promised to send him the applicant cover sheets I sent you. He indicated it would be difficult to unseat the recently hired HD. As soon as I have Tony's input, unless it uncovers things we haven't seen, considered or yet understand, I am prepared to declare the search as failed and face the difficult consequences of unseating

2/11/13

Rhode Island Nuclear Science Center Mail - Re: HP Search

the new hire. I will also want to speak to Steve Guarino about this matter. There are still a couple of unanswered questions I wish to document.

Stay tuned.

..Steve

On Thu, Dec 20, 2012 at 1:45 PM, L. Peter Gromet Total Control of the Control of

I am leaving momentarily for a trip overseas and will not be returning until the middle of the January.

I support Steve's and Bahram's statements, particularly about the hiring process, and agree that in the future all hires should be submitted to the commission for approval before an offer is made.

Peter

On Dec 20, 2012, at 11:27 AM, Andrew Kadak wrote:

I completely agree. It is too bad for the people involved.

Andy

From: Bahram Nassersharif

Sent: Thursday, December 20, 2012 11:26 AM

To: Andrew Kadak

Co: Anthony C Nunes (Stephen Mecca), Peter Gromet; Stephen Mecca

Subject: Re: HP Search

Andy/All,

URI was had an internet disruption yesterday afternoon which is probably the reason for e-mail problem.

Regarding the HP position, I think we should declare this a failed search and hiring since there is ample reason to believe that proper procedures were not followed and the most qualified candidates were not contacted. I have the same opinion about the search for RSO. Proper procedures were not followed.

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Rhode Island Nuclear Science Center Mail - Re: HP Search

2/11/13

I suggest that we create a policy letter for the RINSC and the RIAEC. We cannot allow ad hoc behavior as has been exercised in the past several hirings. The policy for hiring should include a formal approval and vote by the RIAEC before anyone is hired or fired. The commission must have this power.

In light of our discoveries of the irregular hirings and questionably illegal/unethical procedures followed, what are we going to do about it? I think we have a responsibility to correct what we know to be wrong.

This is indeed not only a mess but an urgent situation. The longer we remain silent about these problems, the more we become party to it.

This last commission meeting was eye opening. The staff is out of control. Their attitude stinks. I am not sure how we can bring some order back to the center. Perhaps, having a set of strict policies that must be followed in the short term will solve some of the problems. Jeff Davis has a messed up sense of the mission of the center and it reflect in all of the staff.

In the mean time, the staff has been expanding and renovating their offices, buying executive style furniture, buying new computers, while brand new research equipment sits in boxes. This is a mess also.

I would also direct the Center to not engage in any deals or bartering agreements without a formal review and approval by the Commission. I see this as another area of concern.

My vote is to reopen the search for the HP position and make sure qualified candidates are given full consideration. I would like to do the same for the RSO position but perhaps that can be handled later.

I will be glad to help in any way possible.

Bahram Nassersharif, Ph.D.



On Dec 20, 2012, at 10:53 AM, Andrew Kadak wrote:

Guys,

Your email bounced.

Andy

From: Andrew Kadak

Sent: Wednesday, December 19, 2012 8:28 PM

To: 'Stephen Mecca'; Dr. Bahram Nassersharif, Anthony C Nunes; L. Peter Gromet

Subject: RE: HP Search

Steve,

My reaction during the meeting when she was first introduced was that she was not qualified for the HP position. In reading her resume, it confirms that observation. The others appear to be much more qualified.

What we have here is another mess that we must address. If we need an HP we should have one that is "qualified. We will likely need advice from the state human resources person on this issue as well.

Andy

From

Sent: Wednesday, December 19, 2012 12:19 PM

On Behalf Of Stephen Mecca

To: Dr. Bahram Nassersharif, Andrew Kadak; Anthony C Nunes; L. Peter Gromet

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Rhode Island Nuclear Science Center Mail - Re: HP Search

2/11/13

Subject: HP Search

Fellow Commissioners:

In the past week, we were introduced to the new Health Physicist at RINSC, Constance Hathaway. We had made note among ourselves of the shortfall in her credentials for the position. I took time yesterday afternoon to have a look at the recruiting file. Recall some background on this. First there was the limited local "recruitment" for the RSO orchestrated by Terry to assure an inside person was selected; you all know our reaction to that process; Terry (and his committee) then conducted a wider search for the HP person and from the looks of the file uncovered a reasonable number of applicants though I cannot tell whether he solicited complete applications or just a resume. So, I looked at the resumes and am attaching a cover page from the first 7 ones I found in the file. Please have a look at these. I'm not sure of the full makeup of the committee; it appears that it included Terry, Steve Guarino and Tony but at least one of the interviews appeared to have another interviewer involved.

My reason for bringing this to your attention has more to do with the things we are noticing about Terry's behavior in recent months especially in the RSO recruitment process.

Tony, I'm hoping you can shed some light on the process for recruiting for the HP position. Specifically, who was on the committee, how many candidates were interviewed, did the files of candidates consist of anything more than a CV, were other credentials sought, how were the applicants evaluated or scored, how was the final decision arrived at? I ask this because, on the surface, the educational credentials of the selected candidate appear inferior to those of the rejected candidates. We have always left the recruitment of persons at this level to the Director and a committee of his choice with the Commission only dealing with RSO-AD-Director positions. The Director's recruitment results in a report to the Commission on the process and the selected candidate; we really didn't receive this in the HP case. I decided to try reaching the turned-down candidates but was only able to reach 3 of them. I learned that they did receive a call that they were not selected; one indicated he was interviewed by 4 people. The folks I spoke with were not asked to submit any other items (references, transcripts, personal statements, etc.) While I don't like how this smells so far, I do not have solid evidence of foul play. I was hoping you might consider what I have uncovered on this and that Tony might cast some light on the matter for us. Tony, I'm assuming that you didn't vote on the Hathaway application. Can you confirm this as well.

I need everyone's opinion on this and whether or not you believe we should take a next step.

Thanks.

..Steve

Stephen Mecca, Ph.D.